International application No.
PCT/JP2004/011291

	PCT/JP2004/011291		
A23L1/302, 1/00	28, 47/36, 47/42, 7/00, A61P35/00,		
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
A23L1/302, 1/00	28, 47/36, 47/42, 7/00, A61P35/00,		
Kokai Jitsuyo Shinan Koho 1971-2004 Ji	roku Jitsuyo Shinan Koho 1994—2004 tsuyo Shinan Toroku Koho 1996—2004		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  CAPLUS (STN), REGISTRY (STN), MEDLINE (STN), BIOSIS (STN), EMBASE (STN)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category* Citation of document, with indication, where ap	propriate, of the relevant passages Relevant to claim No.		
X US 2003/0143267 A1 (YAMAZAKI 31 July, 2003 (31.07.03), Full text; particularly, Clai examples 1 to 17 & JP 2003-226638 A & JP			
YAMAZAKI, Noboru et al., Prep and Characterization of Neogl liposome conjugates: a promis to developing drug deliverly applying sugar chain ligands, Glycoscience and Glycotechnol Vol.13, No.71, pages 319 to 3	ycoprotein- 16-26,65-78 ing approach materials Trends in ogy, 2001,		
Further documents are listed in the continuation of Box C.	See patent family annex.		
* Special categories of cited documents: .  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  "&" document member of the same patent family		
Date of the actual completion of the international search 20 October, 2004 (20.10.04)	Date of mailing of the international search report 09 November, 2004 (09.11.04)		
Name and mailing address of the ISA/	Authorized officer		

Telephone No.

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X Y	KOLE, Labanyamoy et al., Synergistic effect of interferon-γ and mannosylated loposome-incorporated doxorubisin in the therapy of experimental visceral leishmaniasis, 1999, Vol.180, pages 811 to 820, full text	1-5,7-9,27, 29,32,34,35, 37,38 6,10-26,28, 31,33,36, 39-41,65-78
X Y	JP 2001-81044 A (Tokai University), 27 March, 2001 (27.03.01), Full text; particularly, Claims 1, 2	1-9,27,29, 31-34,37 10-26,28,30, 35,36,38-41, 65-78
X Y	TAKEUCHI, Hirofumi et al., Passive targeting of doxorubicine with polymer coated liposomes in tumor bearing rat, Biol.Pharm.Bull., 2001, Vol. 24, pages 795 to 799, full text	42,43,45,48, 50,57,58, 60-62,64 44,46,47,49, 51-56,59,63
X Y	KAMPS, Jan A.A.M. et al., Massive targeting of liposomes, surfase-modified with anionized albumins, to hepatic endothelial cells, Proc. Natl.Acas.Sci. U.S.A., 1997, Vol.94, pages 11681 to 11685, full text	42-45,50 46-49,51-64
Y	HONG, Ruey-Long et al., Direct comparison of liposomal doxorubicin with or without poluethylene glycol coating in C-26 tumor-bearing mice: Is suface coating with polyethylene glycol beneficial?, Clinical Cancer Research, 1999, Vol.5, pages 3645 to 3652, full text	42,43,45,48, 57,58,60-62, 64 44,46,47, 49-56,59,63

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:  1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.:  because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:  (See extra sheet.)
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of
any additional fee.  3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

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# Continuation of Box No.III of continuation of first sheet (2)

It appears that the special technical feature of the invention according to claim 1 relating to "a sugar chain-modified liposome having a sugar chain bound to the liposome membrane" resides in bonding sugar chain to the liposome membrane, while the special technical feature of the invention according to claim 42 relating to "a liposome wherein the liposome membrane has been made hydrophilic and no sugar chain is bound to the surface thereof" resides in making the liposome membrane hydrophilic without binding to any sugar chain. Thus, no technical feature common to them can be found.

Such being the case, these inventions are not considered as being so linked as to form a single general inventive concept.